

AMENDMENTS TO THE CLAIMS

Please amend claim 1 as follows:

1. (Currently Amended) An inspection apparatus for electrical inspection of a printed board having a plurality of contacts thereon, comprising:

a fixed unit having a control device that controls the inspection apparatus;

a moving unit operable to perform sequential inspection of the printed circuit board, the moving unit having a plurality of contact terminals that are respectively brought into contact with [[the]] a first plurality of contacts on the printed board, the moving unit being operable to move above the surface of the printed board by operating a drive fixed thereto, and bring the plurality of the contact terminals of the moving unit in contact with a second plurality of contacts on the printed circuit board;

a plurality of first wires directly connected with the plurality of contact terminals in the moving unit;

at least one connection switching device arranged in the moving unit and connected with the first wires, for selectively switching over the plurality of first wires in response to connection switching signals;

a connection switching signal transmitter arranged inside of the fixed unit, for transmitting the connection switching signals;

a connection switching signal receiver arranged inside of the moving unit, for receiving the connection switching signals;

a plurality of second wires connected with the fixed unit and the moving unit for transmission of the connection switching signals from the fixed unit to the moving unit; and

a plurality of third wires, the number of which is less than the number of the first wires and which is arranged between the fixed unit and the moving unit, for establishing connections between the fixed unit and a part of the first wires, which are switched over by the at least one connection switching device in response to the connection switching signals.

2. (Original) An inspection apparatus according to claim 1, wherein the connection switching signals are transmitted from the fixed unit to the moving unit in time-division multiplexing.

3. (Previously Presented) An inspection apparatus according to claim 1, wherein the fixed unit further comprises a measurement device that sends inspection signals via the third wires to the contact terminals, a measurement being made by said measuring device being based on returned inspection signals.